

4/22/13



Engineering Division
2545 North Pony Express Parkway
Eagle Mountain City, Utah 84005
(801) 789-6671

REVISED

Thursday, April 18, 2013

Mayor Heather Anne Jackson
Eagle Mountain City
1650 East Stage Coach Run
Eagle Mountain, Utah 84005

Subject: **Southmoor Phase 2** Bond Letter Requirements

Dear Mayor Jackson:

I have reviewed the improvement requirements for **Southmoor Phase 2** Subdivision, and recommend the following bonding amount for this concept:

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
1	SITE PREP.				
a	Site Excavation	5000	YD	\$3.00	\$15,000.00
2	ROADWAY IMPROVEMENTS				
a	3 inch Surface Course	60270	SF	\$0.77	\$46,407.90
b	6 inch Roadbase(also behind curb)	60270	SF	\$0.50	\$30,135.00
c	9 inch sub-base(e-fill)	60270	SF	\$0.68	\$40,983.60
d	2.5 foot Curb and Gutter	3825	LF	\$10.00	\$38,250.00
e	Sidewalk	3825	LF	\$10.00	\$38,250.00
f	ADA access ramps for trail	4	EA	\$450.00	\$1,800.00
3	CULINARY WATER				
a	8 inch Water Main	1940	LF	\$12.75	\$24,735.00
b	8 inch Gate Valve	5	EA	\$700.00	\$3,500.00
c	8x8x8 Tee	1	EA	\$400.00	\$400.00
d	Reducer 8x6	1	EA	\$400.00	\$400.00
e	Fire Hydrant w/valve	5	EA	\$2,500.00	\$12,500.00
f	Connection to main	2	EA	\$3,000.00	\$6,000.00
g	3/4 inch Water Service w/meter box	40	EA	\$600.00	\$24,000.00
4	SEWER				
a	8" Sewer Pipe main	1820	LF	\$16.00	\$29,120.00
b	60" Sewer Manholes	1	EA	\$2,000.00	\$2,000.00
c	48" Sewer Manholes	9	EA	\$1,800.00	\$16,200.00
d	4 inch Sewer Service	40	EA	\$450.00	\$18,000.00
e	Tie into existing sewer	2	EA	\$4,000.00	\$8,000.00
5	STORM DRAIN				
a	60" Storm Drain Manhole	6	EA	\$1,500.00	\$9,000.00

b	Curb Inlet Box w/grate	4	EA	\$1,200.00	\$4,800.00
c	15 inch Pipe	1050	LF	\$20.00	\$21,000.00
6	MISC.				
a	Survey monuments road	2	EA	\$250.00	\$500.00
b	Street lights	5	EA	\$1,800.00	\$9,000.00
c	Street signs	1	EA	\$250.00	\$250.00
d	Engineering/survey	40	Lots	\$700.00	\$28,000.00
e	Golf course fence	1640	LF	\$22.00	\$36,080.00
f	Erosion Control	1	LS	\$2,500.00	\$2,500.00
g	Rip Rap	1	LS	\$1,200.00	\$1,200.00
7	ENERGY				
a	Power	1	LS	\$124,741.17	\$124,741.17
b	Gas	1	LS	\$21,653.15	\$21,653.15
c	Trenching for Gas & Power	1	LS	\$53,560.00	\$53,560.00
	TOTAL CONSTRUCTION COST				\$667,965.82
	15% Bond Coverage				\$100,194.87
	TOTAL BOND AMOUNT:				\$768,160.69

A total of 115 percent of the total construction cost shall be guaranteed in the form of a performance bond totaling **\$768,160.69**. The above estimate is for determining the required bond amount only. The developer is fully responsible to comply with the Eagle Mountain City Construction Standards and Ordinances.

Please call me if you have any questions.

Sincerely,



Christopher T. Trusty, P.E.
Public Works Director
Eagle Mountain City

Cc: Fionnuala Kofoed, Eagle Mountain City Recorder